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**Serial Number:** 10/687,386

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**PALM INTRANET**

## Inventor Information for 10/687386

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| US 20050284412 A1 | US-PGPUB | 20051229 | Domestic animal telephone   | 119/719    |  | Kroll, Mark W.                 |
| US 20050261743 A1 | US-PGPUB | 20051124 | System and method for automated fluid monitoring  | 607/8      |  | Kroll, Mark W.                 |
| US 20050229425 A1 | US-PGPUB | 20051020 | Ambulatory hairdryer  | 34/283     | 34/99                                    | Kroll, Mollie B. et al.        |
| US 20050197676 A1 | US-PGPUB | 20050908 | Electrical cardiac output forcer  | 607/17     |  | Kroll, Kai et al.              |
| US 20050197673 A1 | US-PGPUB | 20050908 | Left heart implantable cardiac stimulation system with clot prevention and method   | 607/9      |  | Kroll, Mark W.                 |
| US 20050168681 A1 | US-PGPUB | 20050804 | Tan-thru glasses  | 351/44     |  | Kroll, Mark W. et al.          |
| US 20050085862 A1 | US-PGPUB | 20050421 | Implantable cardiac stimulation device including an output circuit that provides arbitrarily shaped defibrillation waveforms    | 607/5      |  | Moulder, J. Christopher et al. |
| US 20050072429 A1 | US-PGPUB | 20050407 | Breathing gas therapeutic method and apparatus  | 128/205.27 | 128/202.12;<br>128/204.18;<br>128/205.25 | Kroll, Mark W.                 |
| US 20050055900 A1 | US-PGPUB | 20050317 | Toddler stair safety system   | 52/182     |  | Kroll, Lori C. et al.          |
| US 20050033369 A1 | US-PGPUB | 20050210 | Data Feedback loop for medical therapy adjustment   | 607/32     | 607/30;<br>607/60                        | Badelt, Steven W.              |
| US 20050004507 A1 | US-PGPUB | 20050106 | Method and device for treating cancer with electrical therapy in conjunction with chemotherapeutic agents and radiation therapy | 604/20     |  | Schroeppel, Edward A. et al.   |
| US 20040254618 A1 | US-PGPUB | 20041216 | Implantable device and method for the electrical treatment of cancer  | 607/74     |  | Schroeppel, Edward A. et al.   |
| US 20040103553 A1 | US-PGPUB | 20040603 | Ambulatory hairdryer  | 34/96      | 34/97                                    | Kroll, Mollie Beth et al.      |
| US 20040088012 A1 | US-PGPUB | 20040506 | Implantable stimulation device with isolating system for minimizing magnetic induction  | 607/9      |  | Kroll, Mark W. et al.          |

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| US 20040078065 A1 | US-PGPUB | 20040422 | System and method for monitoring blood glucose levels using an implantable medical device                                       | 607/60     |   | Kroll, Mark W.               |
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| US 20040073261 A1 | US-PGPUB | 20040415 | Methods and systems for treating ventricular fibrillation   | 607/5      |   | Kroll, Mark W.               |
| US 20040044373 A1 | US-PGPUB | 20040304 | Method and apparatus for electrically forcing cardiac output in an arrhythmia patient   | 607/14     |   | Kroll, Kai et al.            |
| US 20040039382 A1 | US-PGPUB | 20040226 | Even temperature linear lesion ablation catheter  | 606/41     |   | Kroll, Mark W. et al.        |
| US 20040018845 A1 | US-PGPUB | 20040129 | Nuisance cell phone locator   | 455/456.1  | 455/404.2;<br>455/422.1;<br>455/427;<br>455/456.2 | Kroll, Mark W.               |
| US 20040010290 A1 | US-PGPUB | 20040115 | Method and device for treating cancer with electrical therapy in conjunction with chemotherapeutic agents and radiation therapy | 607/3      |   | Schroeppel, Edward A. et al. |
| US 20040003815 A1 | US-PGPUB | 20040108 | Altitude adjustment method and apparatus  | 128/206.21 | 128/205.11  | Kroll, Mark W.               |
| US 20030160588 A1 | US-PGPUB | 20030828 | Implantable cardioverter defibrillator with switchable power source and patient warning system cardiac device                   | 320/103    |   | Kroll, Mark W.               |
| US 20030158586 A1 | US-PGPUB | 20030821 | Implantable cardiac stimulation device having automatic sensitivity control and method  | 607/18     |   | Mouchawar, Gabriel A. et al. |
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| US 20030083719 A1 | US-PGPUB | 20030501 | Implantable cardiac therapy device with dual chamber can to isolate high-frequency circuitry                 | 607/60    |                                       | Shankar, Balakrishnan et al. |
| US 20030069624 A1 | US-PGPUB | 20030410 | XY selectable lead assembly  | 607/122   |                                       | Kroll, Mark W.               |
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| US 20030045910 A1 | US-PGPUB | 20030306 | Pacing mode to reduce effects of orthostatic hypotension and syncope   | 607/23    |                                       | Sorensen, Chris et al.       |
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| US 20020157165 A1 | US-PGPUB | 20021031 | Light selective sports garments  | 2/69      | 2/102;<br>2/227;<br>2/410;<br>2/DIG.3 | Kroll, Mark W. et al.        |
| US 20020156506 A1 | US-PGPUB | 20021024 | Disposable defibrillator   | 607/5     |                                       | Kroll, Mark W. et al.        |
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| US 20020133203 A1 | US-PGPUB | 20020919 | System and method of performing automatic capture in an implantable cardiac stimulation device               | 607/11    |                                       | Mouchawar, Gabriel A. et al. |
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| US 20020106059 A1 | US-PGPUB | 20020808 | Public service answering point with automatic triage capability   | 379/45  |   | Kroll, Mark W. et al.        |
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| US 20020002389 A1 | US-PGPUB | 20020103 | Cardiac stimulation devices and methods for measuring impedances associated with the left side of the heart                                   | 607/8   |   | Bradley, Kerry et al.        |
| US 20010049543 A1 | US-PGPUB | 20011206 | Method and apparatus for biventricular stimulation and capture monitoring   | 607/28  |   | Kroll, Mark W.               |
| US 20010044645 A1 | US-PGPUB | 20011122 | Temporary atrial cardioversion catheter   | 607/122 | 604/532   | Hofstad, Michael L. et al.   |
| US 20010031992 A1 | US-PGPUB | 20011018 | System and method of generating a high efficiency biphasic defibrillation waveform for use in an implantable cardioverter/defibrillator (ICD) | 607/5   |   | Fishler, Matthew G. et al.   |
| US 20010013766 A1 | US-PGPUB | 20010816 | Thermal battery emergency system  | 320/104 |   | Kroll, Mark W. et al.        |
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| US 7029443 B2     | USPAT    | 20060418 | System and method for monitoring blood glucose levels using an  | 600/365 | 600/513;<br>607/22  | Kroll, Mark W.               |

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| US 7020521 B1 | USPAT | 20060328 | Methods and apparatus for detecting and/or monitoring heart failure  | 607/14     |                | Brewer; James E. et al.   |
| US 7016720 B2 | USPAT | 20060321 | System and method for monitoring blood glucose levels using an implantable medical device  | 600/513    | 600/365        | Kroll; Mark W.            |
| US 7010358 B1 | USPAT | 20060307 | Single lead system for high voltage CHF device   | 607/122    |                | Kroll; Mark W. et al.     |
| US 7010346 B1 | USPAT | 20060307 | Implantable medical device having atrial tachyarrhythmia prevention therapy  | 607/14     |                | Schloss; Harold C. et al. |
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| US 6997180 B2 | USPAT | 20060214 | Breathing gas therapeutic method and apparatus   | 128/202.12 | 128/205.11     | Kroll; Mark W.            |
| US 6993379 B1 | USPAT | 20060131 | System and method for emulating a surface EKG using an implantable cardiac stimulation device  | 600/510    | 600/509        | Kroll; Mark W. et al.     |
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| US 6954669 B1 | USPAT | 20051011 | System and method of generating an optimal three-step defibrillation waveform for use in an implantable cardioverter/defibrillator (ICD) | 607/5   | 607/74           | Fishler; Matthew G. et al. |
| US 6937896 B1 | USPAT | 20050830 | Sympathetic nerve stimulator and/or pacemaker  | 607/9   |                  | Kroll; Mark W.             |
| US 6937894 B1 | USPAT | 20050830 | Method of recharging battery for an implantable medical device   | 607/5   | 607/34;<br>607/9 | Isaac; George I. et al.    |
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| US 6826427 B1 | USPAT | 20041130 | Methods and devices for inhibiting battery voltage delays in an implantable cardiac device   | 607/29     | 607/5                              | Fayram; Timothy A. et al. |
| US 6820619 B2 | USPAT | 20041123 | Altitude adjustment method and apparatus   | 128/205.11 | 128/204.22; 128/205.27; 128/205.28 | Kroll; Mark W.            |
| US 6817520 B2 | USPAT | 20041116 | Magnetic card swipe signature security system  | 235/380    | 235/379; 235/383; 235/449; 235/493 | Kroll; Mark W.            |
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| US 6671548 B1 | USPAT | 20031230 | Implantable stimulation device and method for discrimination atrial and ventricular arrhythmias  | 607/14  | 600/518 | Mouchawar; Gabriel A. et al. |
| US 6662047 B2 | USPAT | 20031209 | Pacing mode to reduce effects of orthostatic hypotension and syncope   | 607/18  | 607/23  | Sorensen; Chris et al.       |
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| US 6625493 B2 | USPAT | 20030923 | Orientation of patient's position sensor using external field  | 607/17     |   | Kroll; Mark W. et al.        |
| US 6609027 B2 | USPAT | 20030819 | His Bundle sensing device and associated method  | 607/9      |   | Kroll; Mark W. et al.        |
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| US 6561185 B1 | USPAT | 20030513 | Altitude adjustment method and apparatus   | 128/202.12 | 128/205.11  | Kroll; Mark W.               |
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| US 6560484 B1 | USPAT | 20030506 | Method and apparatus for electrically forcing cardiac output in an arrhythmia patient                        | 607/5      | 607/10;<br>607/4  | Kroll; Kai et al.            |
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| US 6366808 B1 | USPAT | 20020402 | Implantable device and method for the electrical treatment of cancer  | 607/2   | 607/72   | Schroeppel; Edward A. et al. |
| US 6350168 B1 | USPAT | 20020226 | Light selective sport garments  | 441/111 | 2/108;<br>2/115;<br>2/67; 2/69;<br>441/106;<br>441/112 | Kroll; Mark W. et al.        |
| US 6345200 B1 | USPAT | 20020205 | Implant guiding programmer for implantable cardioverter defibrillator   | 607/8   | 128/923  | Mouchawar; Gabriel A. et al. |
| US 6327498 B1 | USPAT | 20011204 | Implantable stimulation lead for use with an ICD device having automatic  | 607/4   | 600/509;<br>607/116;<br>607/122;                       | Kroll; Mark W.               |

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|               |       |          | capture pacing features   |         | 607/5                   |                              |
| US 6321115 B1 | USPAT | 20011120 | Noise detection system and method for use in an implantable medical device  | 607/9   |                         | Mouchawar; Gabriel A. et al. |
| US 6314319 B1 | USPAT | 20011106 | Method and apparatus for temporarily electrically forcing cardiac output in a tachyarrhythmia patient   | 607/5   |                         | Kroll; Kai et al.            |
| US 6292694 B1 | USPAT | 20010918 | Implantable medical device having atrial tachyarrhythmia prevention therapy   | 607/9   |                         | Schloss; Harold C. et al.    |
| US 6287306 B1 | USPAT | 20010911 | Even temperature linear lesion ablation catheter  | 606/41  | 606/42; 607/101; 607/99 | Kroll; Mark W. et al.        |
| US 6282444 B1 | USPAT | 20010828 | Implantable device with electrical infection control  | 607/3   | 607/120                 | Kroll; Mark W. et al.        |
| US 6233483 B1 | USPAT | 20010515 | System and method for generating a high efficiency biphasic defibrillation waveform for use in an implantable cardioverter/defibrillator (ICD). | 607/5   | 607/7; 607/74           | Causey, III; James D. et al. |
| US 6219582 B1 | USPAT | 20010417 | Temporary atrial cardioversion catheter   | 607/122 |                         | Hofstad; Michael L. et al.   |
| US 6208899 B1 | USPAT | 20010327 | Implantable cardioversion device with automatic filter control  | 607/9   |                         | Kroll; Mark W.               |
| US 6198249 B1 | USPAT | 20010306 | Thermal booster battery system  | 320/104 | 320/103                 | Kroll; Mark W. et al.        |
| US 6185457 B1 | USPAT | 20010206 | Method and apparatus for electrically forcing cardiac output in an arrhythmia patient   | 607/5   |                         | Kroll; Kai et al.            |
| US 6169923 B1 | USPAT | 20010102 | Implantable cardioverter-defibrillator with automatic arrhythmia detection criteria   | 607/5   | 600/515                 | Kroll; Mark W.               |

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|              |       |          | adjustment  |            |                               |                               |
| US 6167306 A | USPAT | 20001226 | Method and apparatus for electrically forcing cardiac output in an arrhythmia patient                 | 607/5      |                               | Kroll; Kai et al.             |
| US 6132426 A | USPAT | 20001017 | Temperature and current limited ablation catheter   | 606/41     | 606/29;<br>606/34;<br>607/101 | Kroll; Mark W.                |
| US 6115597 A | USPAT | 20000905 | Disposal emergency cellular phone   | 455/404.1  |                               | Kroll;<br>Braden W.<br>et al. |
| US 6112118 A | USPAT | 20000829 | Implantable cardioverter defibrillator with slew rate limiting  | 607/5      |                               | Kroll; Mark W. et al.         |
| US 6101414 A | USPAT | 20000808 | Method and apparatus for antitachycardia pacing with an optimal coupling interval                     | 607/14     | 607/5                         | Kroll; Mark W.                |
| US 6093982 A | USPAT | 20000725 | High voltage output array switching system  | 307/115    | 307/113;<br>307/125;<br>607/5 | Kroll; Mark W.                |
| US 6062474 A | USPAT | 20000516 | ATM signature security system   | 235/382    | 235/379;<br>902/3;<br>902/5   | Kroll; Mark William           |
| US 6041255 A | USPAT | 20000321 | Disposable external defibrillator   | 607/5      |                               | Kroll; Mark W.                |
| US 6007395 A | USPAT | 19991228 | Sun tanning life vest   | 441/106    | 441/112                       | Kroll; Mark W.                |
| US 5988161 A | USPAT | 19991123 | Altitude adjustment method and apparatus  | 128/202.12 | 128/203.25;<br>128/205.11     | Kroll; Mark W.                |
| US 5978703 A | USPAT | 19991102 | Method and apparatus for temporarily electrically forcing cardiac output in a tachyarrhythmia patient | 607/5      |                               | Kroll; Kai et al.             |
| US 5957956 A | USPAT | 19990928 | Implantable cardioverter defibrillator having a smaller mass  | 607/5      |                               | Kroll; Mark W. et al.         |
| US 5944746 A | USPAT | 19990831 | ICD with continuous regular testing of defibrillation lead status                                     | 607/27     | 607/8                         | Kroll; Mark W.                |
| US 5925068 A | USPAT | 19990720 | Method for determining an ICD replacement time  | 607/29     |                               | Kroll; Mark W.                |
| US 5925066 A | USPAT | 19990720 | Atrial arrhythmia sensor with drug and electrical therapy control                                     | 607/3      | 607/14                        | Kroll; Kai et al.             |



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|              |       |          | apparatus   |        |                    |                              |
| US 5913877 A | USPAT | 19990622 | Implantable defibrillator system for generating a biphasic waveform with enhanced phase transition            | 607/5  | 607/7              | Kroll; Mark W. et al.        |
| US 5906633 A | USPAT | 19990525 | System for delivering rounded low pain therapeutic electrical waveforms to the heart                          | 607/5  | 128/908;<br>607/63 | Mouchawar;<br>Gabriel et al. |
| US 5904705 A | USPAT | 19990518 | Automatic battery-maintaining implantable cardioverter defibrillator and method for use                       | 607/5  | 607/29             | Kroll; Mark W. et al.        |
| US 5899923 A | USPAT | 19990504 | Automatic capacitor maintenance system for an implantable cardioverter defibrillator                          | 607/5  |                    | Kroll; Mark W. et al.        |
| US 5871510 A | USPAT | 19990216 | Method and apparatus for temporarily electrically forcing cardiac output as a backup for tachycardia patients | 607/14 |                    | Kroll; Kai et al.            |
| US 5871505 A | USPAT | 19990216 | Apparatus for generating biphasic waveforms in an implantable defibrillator                                   | 607/5  |                    | Adams;<br>Theodore P. et al. |
| US 5861006 A | USPAT | 19990119 | System for selectively reforming an ICD   | 607/5  |                    | Kroll; Mark W.               |
| US 5836973 A | USPAT | 19981117 | Staged energy concentration for an implantable biomedical device  | 607/5  |                    | Kroll; Mark W.               |
| US 5833712 A | USPAT | 19981110 | Implantable defibrillator system for generating a biphasic waveform   | 607/7  | 607/5;<br>607/74   | Kroll; Mark W. et al.        |
| US 5830236 A | USPAT | 19981103 | System for delivering low pain therapeutic electrical waveforms to the heart                                  | 607/5  |                    | Mouchawar;<br>Gabriel et al. |
| US 5827326 A | USPAT | 19981027 | Implantable cardioverter defibrillator having a smaller energy storage capacity                               | 607/5  |                    | Kroll; Mark W. et al.        |
| US 5814075 A | USPAT | 19980929 | Method and apparatus  | 607/5  | 607/34             | Kroll; Mark                  |

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|              |       |          | for optimizing source allocation within an implantable cardioverter-defibrillator                                     |         |                               | W.                         |
| US 5782883 A | USPAT | 19980721 | Suboptimal output device to manage cardiac tachyarrhythmias   | 607/14  |                               | Kroll; Kai et al.          |
| US 5772690 A | USPAT | 19980630 | System having a surrogate defibrillation electrode for testing implantable cardioverter-defibrillators during implant | 607/7   |                               | Kroll; Mark W.             |
| US 5772689 A | USPAT | 19980630 | Implantable cardioverter-defibrillator with apical shock delivery   | 607/4   |                               | Kroll; Mark W.             |
| US 5761019 A | USPAT | 19980602 | Medical current limiter   | 361/58  | 128/908;<br>361/93.9          | Kroll; Mark W.             |
| US 5749910 A | USPAT | 19980512 | Shield for implantable cardioverter defibrillator   | 607/36  |                               | Brumwell; Dennis A. et al. |
| US 5741307 A | USPAT | 19980421 | Method for determining an ICD replacement time  | 607/5   | 607/29                        | Kroll; Mark W.             |
| US 5741303 A | USPAT | 19980421 | Electrode back-charging pre-treatment system for an implantable cardioverter defibrillator                            | 607/5   |                               | Kroll; Mark W. et al.      |
| US 5738105 A | USPAT | 19980414 | Method and apparatus for sensing R-waves using both near field and far field sensing simultaneously                   | 600/510 | 600/374;<br>600/515;<br>607/5 | Kroll; Mark W.             |
| US 5735878 A | USPAT | 19980407 | Implantable defibrillator having multiple pathways  | 607/5   |                               | Kroll; Mark W. et al.      |
| US 5735876 A | USPAT | 19980407 | Electrical cardiac output forcing method and apparatus for an atrial defibrillator                                    | 607/5   |                               | Kroll; Kai et al.          |
| US 5733309 A | USPAT | 19980331 | Method and apparatus for capacitive switching   | 607/5   |                               | Kroll; Mark W. et al.      |

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|              |       |          | output for implantable cardioverter defibrillator   |         |                             |                                 |
| US 5718718 A | USPAT | 19980217 | Method and apparatus for polarity reversal of consecutive defibrillation countershocks having back biasing precharge pulses | 607/5   |                             | Kroll; Mark W. et al.           |
| US 5713944 A | USPAT | 19980203 | Cardioversion-defibrillation catheter lead having selectively exposable outer conductors                                    | 607/122 |                             | Kroll; Mark W.                  |
| US 5709709 A | USPAT | 19980120 | ICD with rate-responsive pacing   | 607/4   | 607/122;<br>607/6;<br>607/8 | Kroll; Mark W.                  |
| US 5697953 A | USPAT | 19971216 | Implantable cardioverter defibrillator having a smaller displacement volume   | 607/5   |                             | Kroll; Mark W. et al.           |
| US 5690685 A | USPAT | 19971125 | Automatic battery-maintaining implantable cardioverter defibrillator and method for use                                     | 607/5   | 607/29;<br>607/34           | Kroll; Mark W. et al.           |
| US 5674248 A | USPAT | 19971007 | Staged energy concentration for an implantable biomedical device  | 607/5   |                             | Kroll; Mark W. et al.           |
| US 5662696 A | USPAT | 19970902 | One piece disposable threshold test can electrode for use with an implantable cardioverter defibrillator system             | 607/116 | 607/36;<br>607/37;<br>607/8 | Kroll; Mark W. et al.           |
| US 5662534 A | USPAT | 19970902 | Golf ball finding system  | 473/353 | 473/372                     | Kroll;<br>Braden W.<br>et al.   |
| US 5658319 A | USPAT | 19970819 | Implantable cardioverter defibrillator having a high voltage capacitor  | 607/7   | 607/5                       | Kroll; Mark W.                  |
| US 5649974 A | USPAT | 19970722 | Low profile defibrillation catheter   | 607/122 | 29/825                      | Nelson;<br>Randall S. et<br>al. |
| US 5645573 A | USPAT | 19970708 | Optimal pulse defibrillator   | 607/7   |                             | Kroll; Mark W. et al.           |
| US 5645572 A | USPAT | 19970708 | Implantable cardioverter  | 607/5   | 128/901;                    | Kroll; Mark                     |

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|              |       |          | defibrillator with slew rate limiting  |         | 607/36  | W. et al.                 |
| US 5643323 A | USPAT | 19970701 | System and method inducing fibrillation using an implantable defibrillator                 | 607/2   |   | Kroll; Mark W. et al.     |
| US 5620469 A | USPAT | 19970415 | Stepped cardioversion system for an implantable cardioverter defibrillator                 | 607/7   | 607/5   | Kroll; Mark W.            |
| US 5620464 A | USPAT | 19970415 | System and method for delivering multiple closely spaced defibrillation pulses             | 607/5   |   | Kroll; Mark W. et al.     |
| US 5607460 A | USPAT | 19970304 | Physician interface expert system for programming implantable arrhythmia treatment devices | 607/30  | 607/59  | Kroll; Mark W. et al.     |
| US 5591210 A | USPAT | 19970107 | Implantable defibrillation system and method for producing only short pulse waveforms      | 607/5   |   | Kroll; Mark W. et al.     |
| US 5591209 A | USPAT | 19970107 | Implantable defibrillator system for generating an active biphasic waveform                | 607/5   | 607/74  | Kroll; Mark W.            |
| US 5549933 A | USPAT | 19960827 | Process for painting snow  | 434/84  | 106/160.1; 427/136; 427/137; 427/212; 427/256; 427/427.3; 427/427.4 | Adams; Theodore P. et al. |
| US 5549643 A | USPAT | 19960827 | Optimal pulse defibrillator  | 607/7   |   | Kroll; Mark W. et al.     |
| US 5540721 A | USPAT | 19960730 | Process and apparatus for defibrillation system with a small capacitor                     | 607/5   | 607/74  | Kroll; Mark W.            |
| US 5534015 A | USPAT | 19960709 | Method and apparatus for generating biphasic waveforms in an implantable defibrillator     | 607/7   | 607/5; 607/74   | Kroll; Mark W. et al.     |
| US 5531782 A | USPAT | 19960702 | Implantable medical electrode with reduced   | 607/122 |   | Kroll; Mark W. et al.     |

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|              |       |          | number of conductors  |         |                              |                             |
| US 5531770 A | USPAT | 19960702 | Device and method for determining defibrillation thresholds                                       | 607/8   |                              | Kroll; Mark W. et al.       |
| US 5531766 A | USPAT | 19960702 | Implantable cardioverter defibrillator pulse generator kite-tail electrode system                 | 607/5   | 607/36;<br>607/9             | Kroll; Mark W. et al.       |
| US 5531764 A | USPAT | 19960702 | Implantable defibrillator system and method having successive changeable defibrillation waveforms | 607/5   | 607/15                       | Adams; Theodore P. et al.   |
| US 5527346 A | USPAT | 19960618 | Implantable cardioverter defibrillator employing polymer thin film capacitors                     | 607/5   |                              | Kroll; Mark W.              |
| US 5522853 A | USPAT | 19960604 | Method and apparatus for progressive recruitment of cardiac fibrillation                          | 607/5   |                              | Kroll; Mark W.              |
| US 5514160 A | USPAT | 19960507 | Implantable defibrillator for producing a rectangular-shaped defibrillation waveform              | 607/5   |                              | Kroll; Mark W. et al.       |
| US 5507781 A | USPAT | 19960416 | Implantable defibrillator system with capacitor switching circuitry                               | 607/7   | 607/5;<br>607/74             | Kroll; Mark W. et al.       |
| US 5458620 A | USPAT | 19951017 | Cardiac arrhythmia detection using interdependent multiple parameter settings                     | 607/5   | 128/925;<br>600/518          | Adams; Theodore P. et al.   |
| US 5454839 A | USPAT | 19951003 | Low profile defibrillation catheter   | 607/123 |                              | Anderson; Kenneth M. et al. |
| US 5449377 A | USPAT | 19950912 | Overcharged final countershock for an implantable cardioverter defibrillator and method           | 607/7   |                              | Adams; Theodore P. et al.   |
| US 5447521 A | USPAT | 19950905 | Safety system for an implantable defibrillator  | 607/5   | 600/547;<br>607/37;<br>607/6 | Anderson; Kenneth M. et al. |
| US 5441518 A | USPAT | 19950815 | Implantable cardioverter defibrillator system having independently                                | 607/5   |                              | Adams; Theodore P. et al.   |

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|              |       |          | controllable electrode discharge pathway   |       |                     |                             |
| US 5439482 A | USPAT | 19950808 | Prophylactic implantable cardioverter-defibrillator  | 607/5 | 607/36              | Adams; Theodore P. et al.   |
| US 5431687 A | USPAT | 19950711 | Impedance timed defibrillation system  | 607/8 |                     | Kroll; Mark W.              |
| US 5431686 A | USPAT | 19950711 | Method for optimal pulse defibrillation using an implantable defibrillator                           | 607/7 | 607/6               | Kroll; Mark W. et al.       |
| US 5411526 A | USPAT | 19950502 | Improved implantable defibrillator system for producing true-voltage-pulse waveforms                 | 607/5 |                     | Kroll; Mark W. et al.       |
| US 5407444 A | USPAT | 19950418 | Staged energy concentration for a defibrillator  | 607/5 | 320/103;<br>320/166 | Kroll; Mark W.              |
| US 5405363 A | USPAT | 19950411 | Implantable cardioverter defibrillator having a smaller displacement volume                          | 607/5 | 607/36              | Kroll; Mark W. et al.       |
| US 5391186 A | USPAT | 19950221 | Method and apparatus for utilizing short tau capacitors in an implantable cardioverter defibrillator | 607/5 |                     | Kroll; Mark W. et al.       |
| US 5391185 A | USPAT | 19950221 | Atrial cardioverter with ventricular protection  | 607/4 |                     | Kroll; Mark W.              |
| US 5383907 A | USPAT | 19950124 | System and method for delivering multiple closely spaced defibrillation pulses                       | 607/5 |                     | Kroll; Mark W.              |
| US 5376103 A | USPAT | 19941227 | Electrode system for implantable defibrillator   | 607/5 |                     | Anderson; Kenneth M. et al. |
| US 5366487 A | USPAT | 19941122 | Fibrillation and tachycardia detection   | 607/5 | 600/518             | Adams; Theodore P. et al.   |
| US 5366485 A | USPAT | 19941122 | Apparatus for defibrillation pretreatment of a heart   | 607/5 |                     | Kroll; Mark W. et al.       |
| US 5366484 A | USPAT | 19941122 | Short-pulse cardioversion system for an implantable  | 607/5 |                     | Kroll; Mark W.              |

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|              |       |          | cardioverter defibrillator  |         |                               |                            |
| US 5351687 A | USPAT | 19941004 | Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias               | 600/409 |                               | Kroll; Mark W. et al.      |
| US 5342399 A | USPAT | 19940830 | Implantable defibrillator system having a small capacitance valve   | 607/5   |                               | Kroll; Mark W.             |
| US 5336245 A | USPAT | 19940809 | Storage interrogation apparatus for cardiac data  | 607/32  | 128/904                       | Adams Theodore P. et al.   |
| US 5334219 A | USPAT | 19940802 | Method and apparatus for separate-capacitor cardioversion   | 607/5   |                               | Kroll; Mark W.             |
| US 5330509 A | USPAT | 19940719 | Method and apparatus for far-field tachycardia termination  | 607/14  |                               | Kroll; Mark W. et al.      |
| US 5325870 A | USPAT | 19940705 | Multiplexed defibrillation electrode apparatus  | 607/122 |                               | Kroll; Mark W. et al.      |
| US 5314448 A | USPAT | 19940524 | Process for defibrillation pretreatment of a heart  | 607/5   |                               | Kroll; Mark W. et al.      |
| US 5312443 A | USPAT | 19940517 | Arrhythmia-detection criteria process for a cardioverter/defibrillator  | 607/5   | 128/925; 600/518              | Adams; Theodore P. et al.  |
| US 5306291 A | USPAT | 19940426 | Optimal energy steering for an implantable defibrillator  | 607/5   |                               | Kroll; Mark W. et al.      |
| US 5300110 A | USPAT | 19940405 | Dirk-based epicardial defibrillation electrode  | 607/130 |                               | Latterell; Scott T. et al. |
| US 5265623 A | USPAT | 19931130 | Optimized field defibrillation catheter   | 607/122 |                               | Kroll; Mark W. et al.      |
| US 5258906 A | USPAT | 19931102 | System for remotely authorizing operation of a device and for automatically generating an invoice based on device usage | 705/2   | 379/106.02; 379/93.12; 705/34 | Kroll; Mark W. et al.      |
| US 5257634 A | USPAT | 19931102 | Low impedance defibrillation catheter electrode   | 607/122 | 607/128                       | Kroll; Mark W.             |
| US 5241960 A | USPAT | 19930907 | Defibrillator pulse generator   | 607/5   |                               | Anderson; Kenneth M.       |

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|              |       |          |   |         |  | et al.                   |
| US 5199429 A | USPAT | 19930406 | Implantable defibrillator system employing capacitor switching networks                                   | 607/5   |  | Kroll; Mark W. et al.    |
| US 5188116 A | USPAT | 19930223 | Electrocardiographic method and device  | 600/509 | 600/516;<br>600/517  | Pommrehn; Mark R. et al. |
| US 5117834 A | USPAT | 19920602 | Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias | 600/518 |  | Kroll; Mark W. et al.    |
| US 4956877 A | USPAT | 19900911 | Optical fiber reflective signal modulation system   | 398/170 | 398/141;<br>398/168;<br>398/169  | Kroll; Mark W. et al.    |
| US 4947859 A | USPAT | 19900814 | Bio-acoustic signal sensing device  | 600/528 | 381/355;<br>381/364;<br>600/586  | Brewer; James E. et al.  |
| US 4890630 A | USPAT | 19900102 | Bio-electric noise cancellation system  | 600/508 | 128/902;<br>128/905  | Kroll; Mark W. et al.    |
| US 4879760 A | USPAT | 19891107 | Optical fiber transmissive signal modulation system   | 398/168 | 340/870.29   | Kroll; Mark W. et al.    |
| US 4832608 A | USPAT | 19890523 | Electrode belt adapter  | 439/67  | 439/465;<br>600/390;<br>600/394  | Kroll; Mark W.           |
| US 4811156 A | USPAT | 19890307 | Medical current limiter   | 361/58  | 361/101;<br>600/509  | Kroll; Mark W.           |
| US 4775018 A | USPAT | 19881004 | Load cell assembly  | 177/134 | 177/211  | Kroll; William P. et al. |
| US 4769760 A | USPAT | 19880906 | Terrain biased dynamic multiple threshold synchronization method and apparatus                            | 702/79  | 324/76.39;<br>324/76.44;<br>327/41;<br>340/825.2;<br>375/317;<br>375/371;<br>600/525 | Kroll; Mark W. et al.    |
| US 4763660 A | USPAT | 19880816 | Flexible and disposable electrode belt device   | 600/391 | 439/77;<br>600/397;<br>607/149;<br>607/152   | Kroll; Mark W. et al.    |
| US 4744369 A | USPAT | 19880517 | Medical current limiting circuit  | 600/509 | 128/908;<br>323/312;<br>323/908;   | Kroll; Mark W.           |



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|              |       |          |   |         | 327/313;<br>361/18;<br>361/58   |                                |
| US 4714121 A | USPAT | 19871222 | Wheel scale assembly                            | 177/134 | 177/164;<br>177/255             | Kroll;<br>William P.<br>et al. |
| US 4672977 A | USPAT | 19870616 | Lung sound cancellation<br>method and apparatus | 600/528 | 600/390;<br>600/586             | Kroll; Mark<br>W.              |
| US 4672976 A | USPAT | 19870616 | Heart sound sensor                              | 600/528 | 381/364;<br>381/385;<br>600/586 | Kroll; Mark<br>W.              |